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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number: 46795

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assignee Name and Address:

MONSANTO TECHNOLOGY, L.L.C.

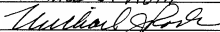
800 North Lindbergh Boulevard

St. Louis, Missouri 63167

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	MICHAEL J. ROTH		
Signature		Date	7 DECEMBER 2004
Title	ASSISTANT GENERAL COUNSEL	Telephone	314-694-1588

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(B)

Applicant/Patent Owner: Brian J. Martinell, Lori Smith Julson, Carol Emler, Venera Bouriakova, Dennis McCabe, and Michael W. Petersen

Application No./Patent No. 09/683,399

Filed/Issue Date: December 21, 2001

Entitled: PLANT TRANSFORMATION PROCESS WITH SELECTION AND EARLY IDENTIFICATION OF GERMLINE EVENTS

Monsanto Technology LLC

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012472, Frame 0490, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (*Le.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.081

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature

October 20, 2006
Date

Robert E. Hanson, Reg. No. 42,628
Printed or Typed Name

(512) 474-5201
Telephone Number

Attorney
Title

MONS:132US
File Code



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 13, 2002

PTAS

MONSANTO COMPANY
800 N. LINDBERGH BLVD.
ATTENTION: G.P. WUELLNER, IP PARALEGAL
ST. LOUIS, MO 63167

700011213A
700011213A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/12/2002

REEL/FRAME: 012472/0490
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MARTINELL, BRIAN J.

DOC DATE: 01/07/2002

ASSIGNOR:

JULSON, LORI SMITH

DOC DATE: 01/07/2002

ASSIGNOR:

BOURIAKOVA, VENERA

DOC DATE: 01/08/2002

ASSIGNOR:

PETERSEN, MICHAEL W.

DOC DATE: 01/07/2002

ASSIGNOR:

MCCABE, DENNIS

DOC DATE: 01/23/2002

ASSIGNOR:

EMLER, CAROL

DOC DATE: 03/07/2002

ASSIGNEE:

MONSANTO TECHNOLOGY LLC
800 NORTH LINDBERGH BOULEVARD
ST. LOUIS, MISSOURI 63167

012472/0490 PAGE 2

SERIAL NUMBER: 09683399
PATENT NUMBER:

FILING DATE: 12/21/2001
ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1595

(REV. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RECORDATION FORM COVER SHEET

PATENT ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Brian J. Martinell

Lori Smith Julson

Venera Bouriakova

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: January 7, 8, 23, March 7, 2002

2. Name and address of receiving party(ies):

Name: Monsanto Technology LLC

Internal Address: _____

Street Address: 800 North Lindbergh BoulevardCity: St. Louis State: MO ZIP: 63167Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/683,399

Attorney Docket 38-21(51470)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: 27161

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

13-4125

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Thomas P. McBride
 Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

FORM PTO-1595

RECORDATION FORM COVER SHEET U.S.

DEPARTMENT OF COMMERCE

(Rev. 6-93)

PATENTS ONLY

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

1. Name of conveying party(ies):

Michael W. PetersenCarol EmilerDennis McCabe

Additional name(s) of conveying party(ies) attached?

Yes ☐No ☒

2. Name and address of receiving party(ies):

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

Yes ☐No ☒

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

Yes ☐No ☒

ASSIGNMENT

WHEREAS, I/WE, the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

Plant transformation process with selection and early identification of germline events_

identified as attorney docket no. 38-21(51470) and US application number 09/683,399 and filed on 12/21/2001 ; and

WHEREAS, Monsanto Technology LLC, of St. Louis, Missouri, a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/WE do hereby sell, assign and transfer to said Monsanto Technology LLC, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said Monsanto Technology LLC; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention, inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/WE hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Monsanto Technology LLC, as assignee of the entire interest.

I/WE further agree, without any payment by Monsanto Technology LLC other than in reimbursement of reasonable expenses I/we may incur, to communicate to said Monsanto Technology LLC, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I/WE have hereto set our hands on the dates set after our signatures.

Signature: Brian J. Martinell Date: 1/7/02

Name: Brian J Martinell

City and state or country of residence: Mt. Horeb, WI _____

State of Wisconsin }
County of Dane } ss.

On this 7th day of January, 2002, before me personally appeared Brian J. Martinell, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Jim S. McEivrey
Notary Public or Consular Officer

My Commission expires June 20, 2004

Signature: Lori Smith Julson Date: 1/7/02

Name: Lori S Julson

City and state or country of residence: Lake Mills, WI _____

State of Wisconsin }
County of Dane } ss.

On this 7th day of January, 2002, before me personally appeared Lori Smith Julson, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Jim S. McEivrey
Notary Public or Consular Officer

My Commission expires June 20, 2004

Signature: [Signature]

Date: 1/8/02

Name: Venera Bouriakova

City and state or country of residence: Madison, WI

State of Wisconsin }
County of Dane } ss.

On this 8th day of January, 2002, before me personally appeared Venera Bouriakova, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

[Signature]
Notary Public or Consular Officer

My Commission expires June 20, 2004

Signature: [Signature]

Date: 4/7/02

Name: Michael W. Petersen

City and state or country of residence: Hillpoint, WI

State of Wisconsin }
County of Dane } ss.

On this 7th day of January, 2002, before me personally appeared Michael W. Petersen to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

[Signature]
Notary Public or Consular Officer

My Commission expires June 20, 2004

Signature: _____

Date: 07 MAR 02

Name: Carol Emler

City and state or country of residence: Mt. Horeb, WI

State of Wisconsin

} ss.

County of Dane

On this 7th day of March, 2002, before me personally appeared Carol Emler, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Kim G. Smythe
Notary Public or Consular Officer

My Commission expires June 20, 2004